



**Planning, Development
and Transportation**

Transportation Planning
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DATE: 12.14.2015

TO: ProTrak

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Transportation Planning

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■ **CAMBRIDGE VILLAGE OF WILMINGTON PHASE 2 [TRC Plan Review #2]**

☞ Initial Review Note ☞

All comments are based on adopted policy documents, specific City of Wilmington Land Development Code (CofW LDC) and City of Wilmington Technical Standards and Specifications Manual (CofWTSSM) requirements in effect at the time of this review. These have been noted after the comment as appropriate for your ease in further research.

The City Engineer may administratively approve dimensional variance requests per LDC Sec. 18-348. If the Applicant feels further interpretation is in order, please contact Transportation Planning directly to discuss in additional detail. Please apply for all administrative variances in writing, an email is acceptable or this may be included on the plan set. Please see Sec. 18-348 of the Land Development Code for the information required to process a variance request.



TRAFFIC IMPACT:

- ❖ A Traffic Impact Analysis (TIA) for the Cambridge Masterplan was approved for this development.
- ❖ Transportation Infrastructure required by the TIA shall be installed when warranted, which shall include the Traffic Signal, (per the Cambridge Village Phase 1 TIA and this TIA).

TECHNICAL STANDARDS – ACCESS (driveway, sidewalk, and sight distance):

1. The taper for the proposed one way entrance driveway appears to conflict with a drainage structure on Calypso Drive. Please shift the taper away from the drainage structure on Calypso Drive.
2. The phase 2 expansion closes the second driveway on Calypso Drive. Please remove the old driveway apron and taper.
3. Restore the curb and verge area for the removed driveway area shown on C3.01.

TECHNICAL STANDARDS – PARKING:

4. The Wilmington Fire Department uses a Fire Engine Tower vehicle with 48.1' length and 21.0' wheelbase and 8.5' width. The design vehicle for the submitted auto turn analysis had a smaller vehicle.
5. Increase the dimensions of the fire engine tower and resubmit the Auto Turn Analysis.
6. The City of Wilmington notes have changed. Please see the changes listed within the "revisions to notes on the plan" section for the changes.
7. Portions of the proposed development do not appear to be in compliance with the 500'/800' rule pertaining to the maximum length of a private drive/parking lot. [Chapter VII , C (4), pg. 7-15 to 7-16 CofWTSSM]

TECHNICAL STANDARDS – Barrier Free Design:

8. Please verify the placement of the Van Accessible Sub-plate shown in the Accessible parking/signage detail on sheet C9.02. The MUTCD shows Van Accessible Plate under the Accessible Parking sign.

REVISIONS TO NOTES ON THE PLAN:

9. As previously stated, please revise notes #5 and 6 on sheet c0.01 to reflect the following verbiage:
 - #5: Any broken or missing sidewalk panels, driveway panels and curbing will be replaced.
 - #6: Contact Traffic Engineering at (910) 341-7888 to discuss street lighting options.

GENERAL NOTES TO ADD TO THE PLAN:

- A. A utility cut permit is required for each open cut of a City street. Note this on the plan and contact 341-5888 for more details. In certain cases an entire resurfacing of the area being open cut may be required.
- B. It shall be the responsibility of the subdivider to erect official street name signs at all intersections associated with the subdivision in accordance with the Technical Standards and Specifications Manual. The subdivider may acquire and erect official street name signs or may choose to contract with the city to install the street signs and the subdivider shall pay the cost of such installation. Contact Traffic Engineering at 341-7888 to discuss installation of traffic and street name signs. Proposed street names must be approved prior to installation of street name signs.
- C. Contact Traffic Engineering at 341-7888 forty-eight hours prior to any excavation in the right of way.

MISCELLANEOUS:

- ❖ Contact Alina Jakubcanin at 341-7888, Alina.Jakubcanin@wilmingtonnc.gov, to discuss street lighting options.

Please let me know if you have any questions or if I can be of further assistance as this development moves through the review process.